

INTERNATIONAL SEARCH REPORT

IB2004/050894

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06T11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KLEIN G J ET AL: "Real-time system for respiratory-cardiac gating in positron tomography" NUCLEAR SCIENCE SYMPOSIUM, 1997. IEEE ALBUQUERQUE, NM, USA 9-15 NOV. 1997, NEW YORK, NY, USA, IEEE, US, 9 November 1997 (1997-11-09), pages 1284-1287, XP010275713 ISBN: 0-7803-4258-5 page 1284, section I page 1284, section II - page 1285, right-column, line 51 page 1284; figure 1 ----- -/-	1-9

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search

17 September 2004

Date of mailing of the International search report

07/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 287 276 A (RITCHIE CAMERON J ET AL) 15 February 1994 (1994-02-15) claims 1,3-9 figures 6,7 column 2, line 30 - line 59 column 10, line 29 - column 11, line 57	1-9
X	KLEIN G.J.: "Four-dimensional processing of deformable cardiac PET data" IEEE WORKSHOP ON MATHEMATICAL METHODS IN BIOMEDICAL IMAGE ANALYSIS, 2000. PROCEEDINGS., 11 June 2000 (2000-06-11), - 12 June 2000 (2000-06-12) pages 127-134, XP002296872 HILTON HEAD ISLAND SC USA page 128, section 3 - page 130, right-column, line 7	1-9
A	US 6 329 819 B1 (EHMAN RICHARD L ET AL) 11 December 2001 (2001-12-11) claims 1-3	1-9
A	SCHAFFTER T ET AL: "Correlative averaging for radial magnetic resonance imaging" PHILIPS JOURNAL OF RESEARCH, ELSEVIER, AMSTERDAM, NL, vol. 51, no. 2, 1998, pages 269-281, XP004126963 ISSN: 0165-5817 whole document	1-9
A	US 4 937 526 A (EHMAN RICHARD L ET AL) 26 June 1990 (1990-06-26) claims 1,2	1

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IB2004/050894

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5287276	A	15-02-1994	US	5251128 A	05-10-1993
			DE	4137652 A1	21-05-1992
			GB	2250164 A ,B	27-05-1992
			JP	4332538 A	19-11-1992
US 6329819	B1	11-12-2001	DE	69900416 D1	06-12-2001
			DE	69900416 T2	06-06-2002
			EP	1072019 A1	31-01-2001
			JP	2002511621 T	16-04-2002
			WO	9953444 A1	21-10-1999
			US	6184682 B1	06-02-2001
US 4937526	A	26-06-1990	DE	68927107 D1	10-10-1996
			DE	68927107 T2	03-04-1997
			EP	0445151 A1	11-09-1991
			JP	2974759 B2	10-11-1999
			JP	4503314 T	18-06-1992
			WO	9005920 A1	31-05-1990